This listing of claims will replace all prior versions, and listings, of claims in the application.

In the claims:

1.   (Currently Amended) A user interface system, said system comprising a plurality of logical buttons and their physical equivalents, said physical equivalents being arranged symmetrically in a multi-dimensional manner, a subset of the physical equivalents arranged on a horizontal axis and a subset of the physical equivalents arranged on a vertical axis,

wherein a first subset of said physical equivalents is mapped to correspond to symmetrical logical buttons for either horizontal movement or vertical movement,

wherein a second subset of said physical equivalents is mapped to correspond to asymmetrical logical buttons having functionality unrelated to each other, and

wherein upon physical reorientation of the user interface system to a first position, the first subset of said physical equivalents is remapped to correspond to asymmetrical logical buttons having functionality unrelated to each other and the second subset of said physical equivalents is remapped to correspond to symmetrical logical buttons for either horizontal movement or vertical movement, and

wherein upon physical reorientation of the user interface system to a second position, the first subset of said physical equivalents is remapped to correspond to symmetrical logical buttons for either horizontal movement or vertical movement and the second subset of said physical equivalents is remapped to correspond to symmetrical logical buttons having functionality unrelated to each other each of said physical equivalents is remapped to another of the logical buttons.

2.   (Cancelled)

3.   (Cancelled)

4.   (Cancelled)

5.   (Currently Amended) The user interface system of claim [[2]] 1 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a four-button diamond arrangement.

6.   (Currently Amended) The user interface system of claim [[2]] 1 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise an eight-button compass arrangement.

7.   (Currently Amended) The user interface system of claim [[2]] 1 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a D-Pad.

8.   (Currently Amended) The user interface system of claim [[2]] 1 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise at least two pairs of physical buttons.

9.   (Currently Amended) The user interface system of claim [[2]] 1 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise two buttons and a wheel.

10.   (Currently Amended) The user interface system of claim [[2]] 1 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a rocking wheel.

11.   (Currently Amended) The user interface system of claim [[2]] 1 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a super wheel.

12.   (Currently Amended) The user interface system of claim [[2]] 1 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise two buttons and a dogbone.

13.   (Currently Amended) The user interface system of claim [[2]] 1 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a rocking dogbone.

14.   (Currently Amended) The user interface system of claim [[2]] 1 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a super dogbone.

15.   (Currently Amended) The user interface system of claim [[2]] 1 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a plurality of discrete button pairs.

16.   (Currently Amended) The user interface system of claim [[2]] 1 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a joystick.

17.   (Currently Amended) The user interface system of claim [[2]] 1 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a touchpad.

18.   Cancelled.

19.   (Currently Amended) A computer-implemented method for navigating an object comprising the utilization of a user interface system, said system comprising a plurality of logical buttons and their physical equivalents, said physical equivalents being arranged symmetrically in a multi-dimensional manner, a subset of the physical equivalents arranged on a horizontal axis and a subset of the physical equivalents arranged on a vertical axis, the method comprising:

        mapping a first subset of said physical equivalents to symmetrical logical buttons for either horizontal movement or vertical movement;

        mapping a second subset of said physical equivalents to asymmetrical logical buttons having functionality logically unrelated to each other,

        upon physical reorientation of the user interface system to a first position, the first subset of said physical equivalents is remapped to correspond to asymmetrical logical buttons having functionality unrelated to each other and the second subset of said physical equivalents is remapped to correspond to symmetrical logical buttons for either horizontal movement or vertical movement, and

        wherein upon physical reorientation of the user interface system to a second position, the first subset of said physical equivalents is remapped to correspond to symmetrical logical buttons for either horizontal movement or vertical movement and the second subset of said physical equivalents is remapped to correspond to symmetrical logical buttons having functionality unrelated to each other remapping each of said physical equivalents to another of the logical buttons.

20.   (Cancelled)

21.   (Cancelled)

22.   (Cancelled)

23.   (Currently Amended) The method of claim [[20]] 19 wherein, in regard to the
plurality of logical buttons and their physical equivalents, the physical equivalents comprise a
four-button diamond arrangement.

24.   (Currently Amended) The method of claim [[20]] 19 wherein, in regard to the
plurality of logical buttons and their physical equivalents, the physical equivalents comprise
an eight-button compass arrangement.

25.   (Currently Amended) The method of claim [[20]] 19 wherein, in regard to the
plurality of logical buttons and their physical equivalents, the physical equivalents comprise a
D-Pad.

26.   (Currently Amended) The method of claim 20]] 19 wherein, in regard to the plurality
of logical buttons and their physical equivalents, the physical equivalents comprise at least
two pairs of physical buttons.

27.   (Currently Amended) The method of claim 20]] 19 wherein, in regard to the plurality
of logical buttons and their physical equivalents, the physical equivalents comprise two
buttons and a wheel.

28.   (Currently Amended) The method of claim [[20]] 19 wherein, in regard to the
plurality of logical buttons and their physical equivalents, the physical equivalents comprise a
rocking wheel.

29.   (Currently Amended) The method of claim [[20]] 19 wherein, in regard to the
plurality of logical buttons and their physical equivalents, the physical equivalents comprise a
super wheel.

30.   (Currently Amended) The method of claim [[20]] 19 wherein, in regard to the
plurality of logical buttons and their physical equivalents, the physical equivalents comprise
two buttons and a dogbone.

31.   (Currently Amended) The method of claim [[20]] 19 wherein, in regard to the
plurality of logical buttons and their physical equivalents, the physical equivalents comprise a
rocking dogbone.

32.   (Currently Amended) The method of claim [[20]] 19 wherein, in regard to the
plurality of logical buttons and their physical equivalents, the physical equivalents comprise a
super dogbone.

33.   (Currently Amended) The method of claim [[20]] 19 wherein, in regard to the
plurality of logical buttons and their physical equivalents, the physical equivalents comprise a
plurality of discrete button pairs.

34.   (Currently Amended) The method of claim [[20]] 19 wherein, in regard to the
plurality of logical buttons and their physical equivalents, the physical equivalents comprise a
joystick.

35.   (Currently Amended) The method of claim [[20]] 19 wherein, in regard to the

plurality of logical buttons and their physical equivalents, the physical equivalents comprise a

touchpad.

36.   Cancelled.

37.   (Currently Amended) A computer-readable storage medium having computer-

readable instructions for navigating an object comprising the utilization of a user interface

system, said system comprising a plurality of logical buttons and their physical equivalents,

said physical equivalents being arranged symmetrically in a multi-dimensional manner, a

subset of the physical equivalents arranged on a horizontal axis and a subset of the physical

equivalents arranged on a vertical axis, the instructions for performing the following:

    mapping a first subset of said physical equivalents to symmetrical logical buttons for

either horizontal movement or vertical movement;

    mapping a second subset of said physical equivalents to asymmetrical logical buttons

having functionality unrelated to each other; and

    upon physical reorientation of the user interface system to a first position, the first

subset of said physical equivalents is remapped to correspond to asymmetrical logical buttons

having functionality unrelated to each other and the second subset of said physical

equivalents is remapped to correspond to symmetrical logical buttons for either horizontal

movement or vertical movement, and

    wherein upon physical reorientation of the user interface system to a second position,

the first subset of said physical equivalents is remapped to correspond to symmetrical logical

buttons for either horizontal movement or vertical movement and the second subset of said

physical equivalents is remapped to correspond to symmetrical logical buttons having

functionality unrelated to each other remapping each of said physical equivalents to another

of the logical buttons.

38.   (Cancelled)

39.   (Cancelled)

40.   (Cancelled)

41.   (Currently Amended) The computer-readable medium of claim [[38]] 37 wherein, in
regard to the plurality of logical buttons and their physical equivalents, the physical
equivalents comprise a four-button diamond arrangement.

42.   (Currently Amended) The computer-readable medium of claim [[38]] 37 wherein, in
regard to the plurality of logical buttons and their physical equivalents, the physical
equivalents comprise an eight-button compass arrangement.

43.   (Currently Amended) The computer-readable medium of claim [[38]] 37 wherein, in
regard to the plurality of logical buttons and their physical equivalents, the physical
equivalents comprise a D-Pad.

44.   (Currently Amended) The computer-readable medium of claim [[38]] 37 wherein, in
regard to the plurality of logical buttons and their physical equivalents, the physical
equivalents comprise at least two pairs of physical buttons.

45.   (Currently Amended) The computer-readable medium of claim [[38]] 37 wherein, in
regard to the plurality of logical buttons and their physical equivalents, the physical
equivalents comprise two buttons and a wheel.

46.   (Currently Amended) The computer-readable medium of claim [[38]] 37 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a rocking wheel.

47.   (Currently Amended) The computer-readable medium of claim [[38]] 37 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a super wheel.

48.   (Currently Amended) The computer-readable medium of claim [[38]] 37 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise two buttons and a dogbone.

49.   (Currently Amended)The computer-readable medium of claim [[38]] 37 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a rocking dogbone.

50.   (Currently Amended) The computer-readable medium of claim [[38]] 37 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a super dogbone.

51.   (Currently Amended) The computer-readable medium of claim [[38]] 37 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a plurality of discrete button pairs.

52.   (Currently Amended) The computer-readable medium of claim [[38]] 37 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a joystick.

53.   (Currently Amended) The computer-readable medium of claim [[38]] <u>37</u> wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a touchpad.

54.   Cancelled.

55.   (Currently Amended) A hardware control device for navigating an object comprising a user interface system, said system comprising a plurality of logical buttons and their physical equivalents, said physical equivalents being arranged symmetrically in a multi-dimensional manner, said physical equivalents comprising a four-button diamond arrangement, a first pair of the four button diamond arrangement arranged on a horizontal axis and a second pair of the four button diamond arrangement arranged on a vertical axis,

     wherein [[a]] the first pair of the four button diamond arrangement subset of said physical equivalents is mapped to correspond to symmetrical logical buttons for either horizontal movement or vertical movement,

     wherein [[a]] the second pair of the four button diamond arrangement subset of said physical equivalents is mapped to correspond to asymmetrical logical buttons having functionality unrelated to each other, and

     wherein upon physical reorientation of the user interface system to a first position, the first pair of the four button diamond arrangement is remapped to correspond to asymmetrical logical buttons having functionality unrelated to each other and the second pair of the four button diamond arrangement is remapped to correspond to symmetrical logical buttons for either horizontal movement or vertical movement, and

     wherein upon physical reorientation of the user interface system to a second position, the first pair of the four button diamond arrangement is remapped to correspond to symmetrical logical buttons for either horizontal movement or vertical movement and the second pair of the four button diamond arrangement is remapped to correspond to symmetrical logical buttons having functionality unrelated to each other each of said physical equivalents is remapped to another of the logical buttons.

56.   (Cancelled)

57.   (Cancelled)

58.   (Cancelled)

59.   (Cancelled)

60.   (Currently Amended) The hardware control device of claim [[56]] 55 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise an eight-button compass arrangement.

61.   (Currently Amended) The hardware control device of claim 56 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a D-Pad.

62.   (Currently Amended) The hardware control device of claim [[56]] 55 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise at least two pairs of physical buttons.

63.   (Currently Amended) The hardware control device of claim [[56]] 55 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise two buttons and a wheel.

64.   (Currently Amended) The hardware control device of claim [[56]] 55 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a rocking wheel.

65.   (Currently Amended) The hardware control device of claim [[56]] 55 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a super wheel.

66.   (Currently Amended) The hardware control device of claim [[56]] 55 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise two buttons and a dogbone.

67.   (Currently Amended) The hardware control device of claim [[56]] 55 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a rocking dogbone.

68.   (Currently Amended) The hardware control device of claim [[56]] 55 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a super dogbone.

69.   (Currently Amended)The hardware control device of claim [[56]] 55 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a plurality of discrete button pairs.

70.   (Currently Amended) The hardware control device of claim [[56]] 55 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a joystick.

71.   (Currently Amended) The hardware control device of claim [[56]] 55 wherein, in regard to the plurality of logical buttons and their physical equivalents, the physical equivalents comprise a touchpad.

72.   Cancelled.

73.   (Currently Amended) A hardware control device, said device comprising a plurality of logical buttons and their physical equivalents,

said device comprising a means by which a plurality of symmetrical physical equivalents arranged in a multi-dimensional manner, a subset of the physical equivalents arranged on a horizontal axis and a subset of the physical equivalents arranged on a vertical axis, are mapped to a corresponding plurality of asymmetrical logical buttons, said asymmetrical logical buttons being logically unrelated to each other,

wherein a first subset of said physical equivalents is mapped to correspond to symmetrical logical buttons for either horizontal movement or vertical movement,

wherein a second subset of said physical equivalents is mapped to correspond to asymmetrical logical buttons having functionality unrelated to each other, and

wherein upon physical reorientation of the user interface system to a first position, the first subset of said physical equivalents is remapped to correspond to asymmetrical logical buttons having functionality unrelated to each other and the second subset of said physical equivalents is remapped to correspond to symmetrical logical buttons for either horizontal movement or vertical movement, and

wherein upon physical reorientation of the user interface system to a second position, the first subset of said physical equivalents is remapped to correspond to symmetrical logical buttons for either horizontal movement or vertical movement and the second subset of said physical equivalents is remapped to correspond to symmetrical logical buttons having functionality unrelated to each other each of said physical equivalents is remapped to another of the logical buttons.